

Lecture: 8:00 p.m. – 9:15 a.m. TR, Bailey Science Center (BSC) **Rm 1011**

Lab sections: BSC **Rm 1203**

- A: 10:00-11:50 a.m. R
- B: 2:00 – 3:50 p.m. R
- C: 9:00 – 10:50 p.m. F
- D: 11:00 – 12:50 p.m. F

Instructor: Dr. Colleen McDonough

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Office Hours: **T 9:30 – 11:30 a.m.; R 4:00-5:00 p.m.** (**May be in lab cleaning up, come down if not in office.**) In addition, you can stop by at other times if I am in my office- just not before lecture or the first Thursday's lab. If you want a particular time, please email me and we can set up an appointment.

TEXT: *Principles of Anatomy and Physiology*, 14th edition (2014) or 15th edition, by G. J. Tortora & B. Derrickson, John Wiley & Sons, older editions are probably fine.

LAB MANUAL: The lab manual (**not the work**) is given on-line. Some of you may have purchased *Laboratory Manual for Human Anatomy and Physiology*, by M. E. Smith and W. J. Loughry, Pearson Custom Publishing, for BIOL 2561, which is fine. Same information. Because the manual is online, purchasing the lab book is optional. Those of you not getting the lab book have to be very PROACTIVE in making sure you have access to the materials during the laboratory period. Images pulled up on your phone might be too small.

LAB KIT: Available in the bookstore. By the third week of semester, you will need to bring this to lab each week. We do have some dissection tools that others have left behind. We do not have enough to cover an entire class. We provide gloves in class. You may also wish to purchase examination gloves if you have a preference for a particular size or type.

LAB SPECIMENS: Sheep heart, fetal pig and sheep kidney will be provided. Buckets containing the specimens will be allocated to every two students.

COURSE GOALS: This course builds on the information discussed in BIOL 2651 by examining all the major human physiological systems.

GRADING POLICY: Total points for the course (**570 points**).

For lecture (worth **400** points), there will be 4 exams and an optional final (See back page for test dates). Each exam will be worth 100 points. Any issues, problems or complaints about grading must be made within two weeks of receiving an exam back. No grade changes will be made after that time.

For laboratory (**170** points), 3 lab practicals (identifying structures from lab specimens) will be given. Each practical is worth 50 points. Another 20 points will come from lab assignments.

Final grades will be based on cumulative points and will be distributed according to the following percentages (the total number of points represented by these percentages is shown in parentheses):

90-100% (513-570) A 80-89% (456-512) B 70-79% (399-455) C 60-69% (342-398) D

EXAMS: The 4 exams in this course will each cover lecture and reading material. Questions will be based on both the lecture and reading material assigned in class. Exams will be made up of mostly multiple-choice questions with possibly one essay question. After you have finished the lecture tests, you will be handing in both the test form and the scantron. I will be checking to see if your scantron matches your test form. Final answers are those given on the scantron.

You will have two weeks from the time you receive your score back to contest your grade.

OPTIONAL FINAL: The final can only help you. If you are satisfied with your grade after the 4 lecture tests, you do not have to take the final. If you take the final, I will use the 4 highest scores out of the 5 exams (4 lecture tests and 1 final) in calculating your final grade. (This means that if the final is your worst score, it will be dropped). So, if you have a bad day and do poorly on an exam, you can replace it with the final. I will let you know your grade and if the final can help you after grading the fourth test. **If you are out sick for any reason, you will be taking the final to replace that missing test grade.**

MAKE-UPS: Because the final is optional and can make up for a previous exam, there will be **NO** make-ups for any of the first four exams. If you miss one, for whatever reason, that will represent your dropped exam and you will have to take the final. This policy has a couple of important implications: (1) you better not miss more than one exam, (2) there is some incentive in taking and doing well on the first four exams and possibly avoiding the final which is cumulative, and (3) make sure you do not wait and see what the first test is like before studying your hardest because you may need the drop grade for a subsequent test.

LABS: The lab points will be based on your performance in the laboratory portion of this course. The 3 laboratory exams, which involve identification of structures on the specimens, **cannot** be made up easily!! Unlike the lecture exams, a missed lab exam CANNOT be covered by taking the final. You cannot hand in homework assignments for labs you do not attend. Thus, it is imperative you attend lab each week and crucial that you not miss a lab exam.

IMPORTANT NOTE: Lab exams will involve the use of student specimens. This means you need to do a good and careful job on your dissections so we have 25 decent specimens with which to work.

ATTENDANCE: You are expected to attend lab and lecture. The exam questions come primarily from the material covered in lectures. If you miss, you can view lectures from fall of 2020 on Blazeview.

Important Note: For those of you who like to record classes, you must let me know.

BEHAVIOR POLICY: Any student disrupting the classroom and affecting the learning experience of others will be asked to leave. Any student being disrespectful will be asked to leave.

PRIVACY ACT: Because of the Buckley Amendment or Privacy Act, grades will not be discussed over the phone or through email. I will not give grades out to friends or relatives without specific written permission from the student.

Students with Disabilities: If you are registered with the Access Office, let me know so that we can make any necessary arrangements regarding exams etc.

CHEATING: Any student caught cheating will be reported to the Dean of Students. This includes lab and lecture. Cheating includes copying another student's work, allowing another student to copy your work, utilizing materials not authorized during tests such as using crib sheets during laboratory tests, etc... The test or assignment will get a "0". Student will be assigned a seat for all remaining tests. If it happens a second time, the student will receive an "F" in the course.

No electric devices can be used during exams. Watches must be removed before the tests. Hats are not to be worn. I may have you pull your hair behind your ears because ear buds are not allowed. Phones need to be in your backpacks (not in your pockets or on/under the desk) which will be in the front of the room. Failure to follow this policy will result in a zero for the test.

FACE COVERINGS: Every student is encouraged to wear a facemask that covers their nose and mouth while in any campus building, including classrooms and the laboratory rooms. This recommendation is intended to protect the health and safety of all VSU students, the instructor, and the entire university community. With every replication of the virus whether in an unvaccinated or vaccinated individual, there is the potential for a mutation to occur. Mutations can be neutral, detrimental or helpful to the virus. The latter explains the Delta variant. This variant replicates better within individuals, sheds 10X more virus from an infected individual or asymptomatic person and makes an individual sicker than the original virus. To decrease the spreading of the Delta variant and the potential of it mutating to an even more worrisome virus within our community, please wear a mask. Be part of the solution.

Dates to Remember:

Sept 6th M: Labor Day – no classes

Oct 7th R: Mid-Term

Oct 11-12th M-T: Fall Break – no classes

Oct 14th R: Withdrawal deadline

Nov 24-26th W-F: Thanksgiving Break – No classes

Dec 6th M: Last day of classes:

Dec 7th TUESDAY: Final exam: 8:00 – 10:00 a.m.

TENTATIVE COURSE OUTLINE (may not follow exactly)
(I will tell you what chapters/videos will be covered on the test)

TOPIC

READING IN TEXT

I. Endocrine & Cardiovascular Systems	Chaps. 18-20 <i>EXAM 1---</i>
II. Cardiovascular, Immune, & Respiratory Systems	Chaps. 21-23 <i>EXAM 2---</i>
III. Digestive System, Metabolism & Urinary System	Chaps. 24-26-in part <i>EXAM 3---</i>
IV. Urinary, Body Fluids, Reproduction	Chaps. 26-28 <i>EXAM 4---</i>

See more detailed schedule below

EXAMS

- 1 Sept 15th
- 2 Oct 15th
- 3 Nov 5th
- 4 Dec 2nd

You should be reviewing the lectures and doing the Exercises for each chapter during the weeks when the material is covered in class.

LAB SCHEDULE:

<u>Dates:</u>		<u>Topic:</u>
August	19, 20	NO LAB
	26, 27	Blood physiology
September	2, 3	Sheep heart dissection 1** Dissection Kit needed
	9, 10	Sheep heart dissection 2/ Fetal pig prep
	16, 17	Anterior blood vessels 1
	23, 24	Posterior blood vessels 2
Sept/October	30, 1	Finish and review blood vessels 3
OCTOBER	7, 8	Lab Exam I
	14, 15	Fetal pig digestive system
	21, 22	Fetal pig respiratory system, Review, Homework sheet due
	28, 29	Lab Exam II
November	4, 5	Fetal pig urinary and reproductive systems
	11, 12	Finish and Review
	18, 19	Lab Exam III
	25, 26	Thanksgiving Break
December	2, 3	No Lab

Lab _____ Need _____

Blood physiology	Blood Lab protocol, Blood Lab worksheet, Assignment, Blood cell counts
Heart	Review List – Heart, Have protocol for anterior vessels ready
Anterior vessels	Review List, Dissection protocol Anterior Vessels
Posterior vessels	Review List, Dissection protocol Posterior Vessels
Fetal pig digestive system	Review List, Dissection protocol Digestive System
Fetal pig respiratory system	Review List, Dissection protocol Respiratory System
Fetal pig urinary/reproductive	Review List, Dissection protocol Urinary System AND Review List, Dissection protocol Reproductive System

* Worksheets, review lists, dissection protocols can be found on BIOL 2652 website:
blog.valdosta.edu/ap2/

See dissection review powerpoints in Blazevieview before and after the lab.